SIEMENS

communication module PROFINET standard

product brand name	SIRIUS
product category	Communication modules
product designation	Communication module
design of the product	PROFINET Standard
manufacturer's article number of soft starter	3RW50
●	3RW51
●	3RW52
●	3RW55

General technical data

reference code according to IEC 81346-2	A
Substance Prohibitance (Date)	02/15/2018
SVHC substance name	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8

Installation/ mounting/ dimensions

mounting position	any
fastening method	screw fixing
height	126 mm
width	28 mm
depth	82 mm
weight without packaging	0.1 kg

Ambient conditions

installation altitude at height above sea level maximum	5 000 m; Derating as of 1000 m, see catalog
ambient temperature	
● during operation	-25 ... +60 °C; observe derating of basic unit above 40 °C
● during storage and transport	-40 ... +80 °C
environmental category	
● during operation according to IEC 60721	3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6
● during storage according to IEC 60721	1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4
● during transport according to IEC 60721	2K2, 2C1, 2S1, 2M2 (max. height of fall 0.8 m)
Electrical Safety	
protection class IP on the front according to IEC 60529	IP20
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front

Approvals Certificates

General Product Approval

Confirmation

EMV	For use in hazard-ous locations	Test Certificates	Marine / Shipping
KC	other ex-certificates	Type Test Certificates/Test Report	

Marine / Shipping		other	Environment	Industrial Communication
		Confirmation	Environmental Confirmations	PROFINET

Further information

Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/ic10

Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RW5980-0CS00

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5980-0CS00

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RW5980-0CS00

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RW5980-0CS00&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current
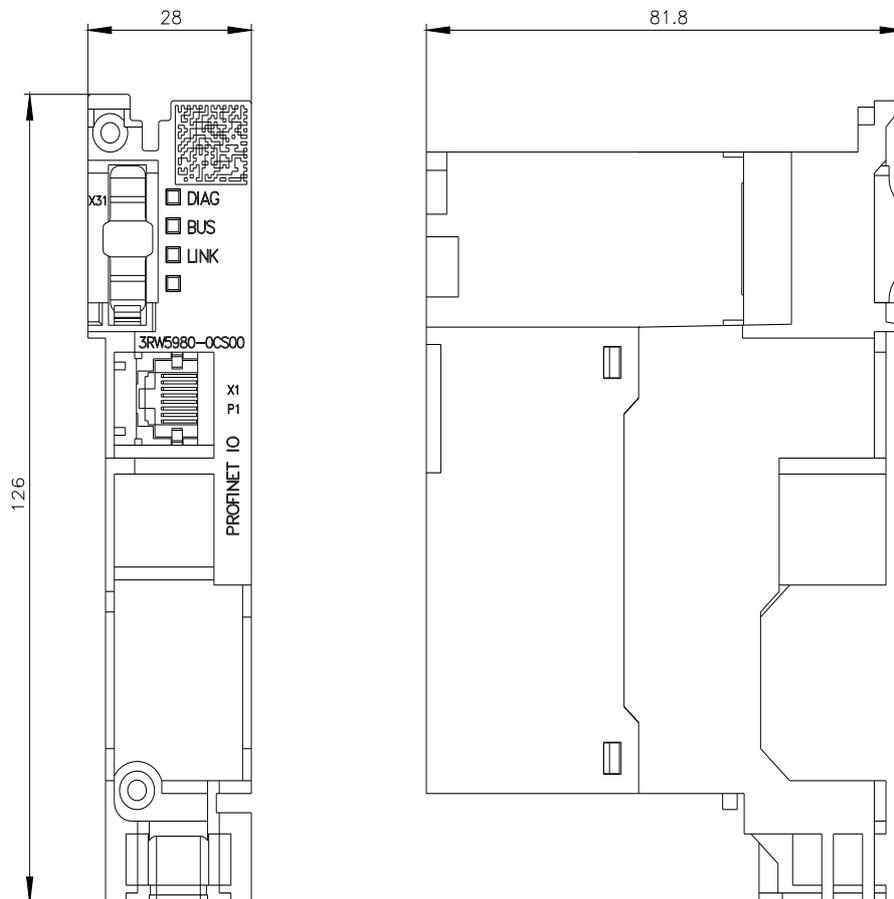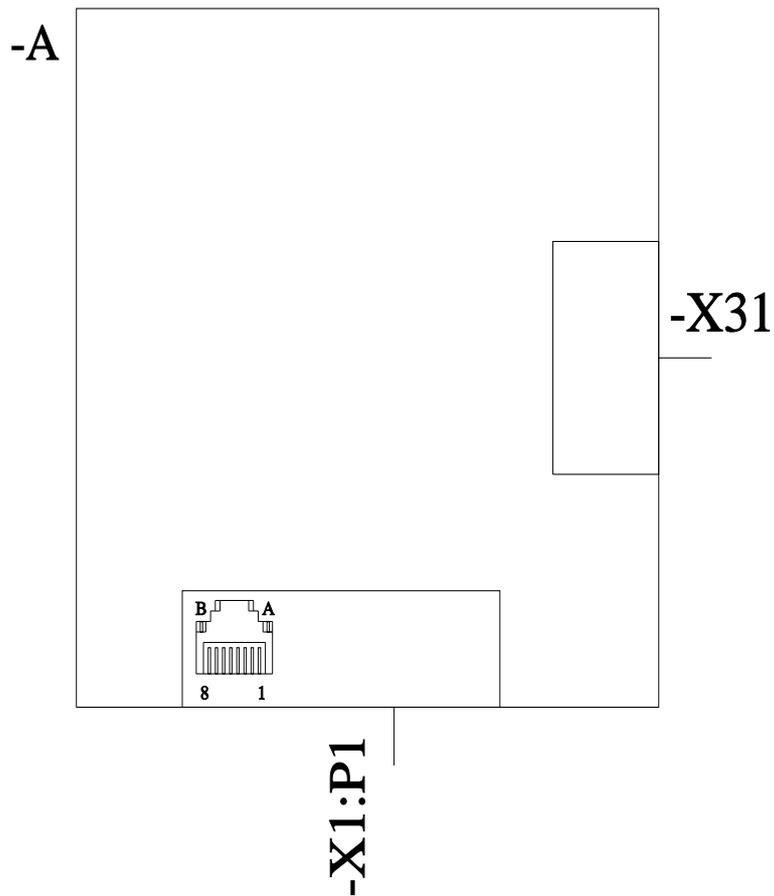https://support.industry.siemens.com/cs/ww/en/ps/3RW5980-0CS00/char

Characteristic: Installation altitude
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5980-0CS00&objecttype=14&gridview=view1

Simulation Tool for Soft Starters (STS)
https://support.industry.siemens.com/cs/ww/en/view/101494917

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3/14/2024